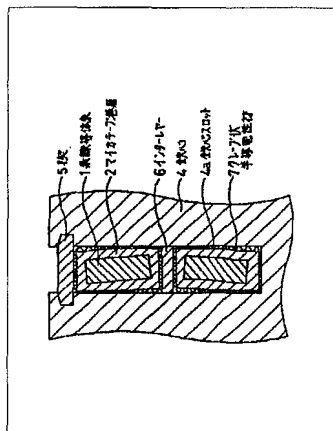


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TI - HIGH-TENSION ROTATING MACHINE COIL
 AB - PURPOSE: To prevent damage due to discharge by arranging a crape like semiconductive material outside a mica-tape-wound layer, forming a coil not impregnated and unifying the coil not impregnated and a core through an impregnating resin.
 - CONSTITUTION: A crape like semiconductive material 7 is disposed onto a mica-tape-wound layer 2 formed onto a strand conductor bundle 1, and used as an external corona preventive layer. The crape like semiconductive material 7 is arranged in such a manner that the tape-shaped crape like semiconductive material 7 is wound on the mica-tape-wound layer 2 as shown in the figure, and corona prevention is executed, and a coil not impregnated is inserted into a core 4. The crape like semiconductive material 7 is deformed in response to a clearance on the side face of the core. A thermosetting resin is held in the crape like clearance by impregnating the clearance with the resin, and the mica-tape-wound layer 2 and the core 4 are unified through the crape like semiconductive material 7 and the impregnating resin. Accordingly, a coil and the core are fast stuck, thus preventing damage due to discharge.

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